

Patent Claims:

1. A hydraulic unit for slip-controlled brake systems,

including an accommodating member (48) which accommodates inlet and outlet valves (26-29; 41-44) in several valve accommodating bores (51-51'', 52-52'') of a first and a second valve row (X, Y),

including further valve accommodating bores (54, 54', 55, 55') arranged in a third valve row (Z) spaced from the first and the second valve row (X, Y),

including a pump accommodating bore (53) arranged between the second and the third valve row (X, Y) for the accommodation of at least one pump driving element, and accommodating bores (56, 56', 56'') for the accommodation of feeding devices (32, 33, 34) of a pump (30), and

including several pressure fluid channels that connect the valves (26-29; 41-44; 8-11), a high-pressure accumulator (14) and wheel brakes (4-7), and are able to establish a hydraulic connection between the high-pressure accumulator (14) and the wheel brakes (4-7) or a braking pressure generator (1) and the wheel brakes (4-7),

c h a r a c t e r i z e d in that

a first accommodating bore (56) for a first feeding device (32) of the pump (30) is passed through between valve accommodating bores (51', 51'') of the first and the second valve row (X, Y), and

in that second and third accommodating bores (56', 56'') for the accommodation of second and third feeding devices (33, 34) of the pump (30) are passed through between valve accommodating bores (54,55; 54',55') of the third valve row (Z).

2. The hydraulic unit as claimed in claim 1, characterized in that the accommodating bores (56,56',56'') for feeding devices (32,33,34) are arranged like a v at an angle α relative to each other.
3. The hydraulic unit as claimed in claim 2, characterized in that the angle (α) between respectively adjacent accommodating bores (56,56',56'') is identical and amounts to 120°.
4. The hydraulic unit as claimed in claim 1, characterized in that a row of pressure sensor accommodating bores (57,57',57'',57''') are provided being arranged beside the third valve row (Z), and in that in each case the second and third accommodating bores (56', 56'') for feeding devices (33, 34) of the pump (30) extend between valve accommodating bores (54, 54') of the third valve row (Z) and between pressure sensor accommodating bores (57, 57''').
5. The hydraulic unit as claimed in claim 2, characterized in that an accumulator accommodating bore (58) is provided in parallel to the axis of the first accommodating bore (56) for the feeding device (32), and in that the accumulator accommodating

bore (58) and the first accommodating bore (56) are arranged at a frontal end of the accommodating member (48).

6. The hydraulic unit as claimed in claim 6*,
c h a r a c t e r i z e d in that the accumulator accommodating bore (58) is passed through between adjacent valve accommodating bores (51'', 51'''; 52'', 52''') and at right angles relative to the valve rows (X, Y).
7. The hydraulic unit as claimed in claim 1,
c h a r a c t e r i z e d in that a non-return valve accommodating bore (59, 59', 59'') opens into each accommodating bore (56, 56', 56'') for a feeding device (32, 33, 34), and in that the non-return valve accommodating bore (59, 59', 59'') is arranged in parallel to the axis of the pump accommodating bore (53).
8. The hydraulic unit as claimed in any one or more of the preceding claims 1 to 8**,
c h a r a c t e r i z e d in that between the second and the third accommodating bore (56', 56'') for a feeding device (32, 33, 34) a through-bore (60) is provided which serves as a passage for an electric line.
9. The hydraulic unit as claimed in claim 1,
c h a r a c t e r i z e d in that connected to a pressure side of the feeding devices (32, 33, 34) is a collecting main (76) that is connected to the high-pressure accumulator (14).

TRANSLATOR'S NOTES:

* the correct appendency is 'as claimed in claim 5'

** the correct appendency is 'as claimed in ... claims 1 to 7'